

F462, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 1600 VDC, 85C, Lead Spacing = 15mm



General Information	
Supplier:	KEMET
Series:	F462
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	MKP, Pulse
RoHS:	Yes
Lead:	Wire Leads
Miscellaneous:	The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56

Dimensions	
L	18mm MAX
H	19mm MAX
T	11mm MAX
S	15mm +/-0.4mm
LL	17mm +0/-1mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Specifications	
Capacitance:	0.047 uF
Capacitance Tolerance:	5%
Voltage AC:	500 VAC
Voltage DC:	1600 VDC, 960 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	85C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	4500 V/us
Inductance:	6 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	400

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.